UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,875	09/19/2003	Jakke Makela	872.0152.U1(US)	8891

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EXAMINER
DOAN, PHUOC HUU

ART UNIT	PAPER NUMBER
2687	

DATE MAILED: 11/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _26 August 2005_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-47_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-47_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1.   Applicant's arguments with respect to claims **1-47** have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

Claims 18, and 40 are objected with 112-2nd, they have used the term " **new**" with respect to what for support the claim (wherein when the content of the content part is changed: a **new** hard copy is formed and tagged with a **new** ID; and the hard copy ID field is changed.).

Claim Rejections - 35 USC § 102

2.   Claims **1-47** are rejected under 35 U.S.C. 102(e) as being anticipated by **Ketola (US Patent No: 6,879,997).**

    The applied reference has a common Assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

As to claim 1, Ketola discloses a method to operate a plurality of mobile terminals (col. 5, lines 19-21), comprising: storing an editable object in the plurality of mobile terminals (col. 5 through col. 6, lines 68-11), and **simultaneously editing the editable object "col. 7, lines 55-63"** using at least some of the plurality of mobile terminals (col. 6, lines 25-28, and lines 46-53), where the mobile terminals that are used for editing the editable object send locally generated edit commands to other mobile terminals of the set of mobile terminals (col. 7, lines 50-63).

As to claim 2, Ketola further discloses a method as in claim 1, where a memory area of the plurality of mobile terminals comprises a working memory area used during editing and a permanent storage memory area (col. 9, lines 19-34).

As to claim 3, Ketola further discloses a method as in claim 1, where the memory area of a plurality of mobile terminals further comprises **a personal area** and a shared area (col. 9, lines 19-34 **"terminal 12a may also comprise memory means for storing documents that are not shared"**).

As to claim 4, Ketola further discloses a method as in claim 1, where at least one of the plurality of mobile terminals initiates an editing process whereby information comprising at least one of a hard copy **or** edited instance is sent from

at least one mobile terminal to at least one other of the plurality of mobile

terminals (col. 7, lines 1-13).

As to claim 5, Ketola further discloses a method as described in claim 4, where the

information sent comprises the user's Own Edited Instance of the editable object

(col. 11, lines 10-25).

As to claim 6, Ketola further discloses a method as described in claim 4, where the

information sent comprises other user's Shared Edited Instances (col. 11, lines 1-

17).

As to claim 7, Ketola further discloses a method as described in claim 4, where the

information sent comprises a user's own editing commands **"with editing**

commands being sent from col. 2, lines 17" (col. 11, lines 10-25).

As to claim 8, Ketola further discloses a method as described in claim 4, where the

information sent comprises other user's editing commands (col. 11, lines 5-31).

As to claim 9, Ketola further discloses a method as described in claim 4, where the

information sent comprises contextual control information (col. 7, lines 52-67).

As to claim 10, Ketola further discloses a method as described in claim 9, where

the contextual control information conveys user information (col. 8, lines 5-8, and

lines 30-34).

As to claim 11, Ketola further discloses a method as described in claim 3, where

the information in the shared area is automatically synchronized between all users (col. 10, lines 37-45, col. 11, lines 46-62).

As to claim 12, Ketola further discloses a method as described in claim 3, where the information in the personal area comprises at least one edited instance of the editable object (col. 9, lines 15-34).

As to claim 13, Ketola further discloses a method as described in claim 1, where individual ones of the plurality of mobile terminals indicate when modifications have been made to the editable object (col. 11, lines 1-25).

As to claim 14, Ketola further discloses a method as described in claim 3, where at least one of the shared edited instances is transferred from the user's shared area to the user's personal area (col. 11, lines 1-25, and lines 30-35).

As to claim 15, Ketola discloses a method as described in claim 1, where an editable object is considered to comprise at least two parts comprising: a content part (col. 11, lines 15-25 "meeting"); and at least one comment field (col. 11, lines 9-14).

As to claim 16, Ketola discloses a method as described in claim 15, where a first comment field is designated a hard copy ID field (col. 11, lines 10-16).

As to claim 17, Ketola discloses a method as described in claim 16, where another comment field is designated an edited instance ID field (col. 11, lines 9-15).

As to claim 18, the claim is rejected for the same reason as set forth in claim 17 in view of 112-2nd.

As to claim 19, Ketola further discloses a method as described in claim 1, where each edited instance has a unique ID associated with it (col. 12, lines 1-3 "Short Message Service has required message ID").

As to claim 20, Ketola further discloses a method as described in claim 1, where each edited instance is a file (col. 10, lines 47).

As to claim 21, Ketola further discloses a method as described in claim 1, where each edited instance may be appended to a hard copy (col. 7, lines 2).

As to claim 22, Ketola further discloses a method as described in claim 1, where there is only one hard copy of the editable object (col. 7, lines 1-3).

As to claim 23, Ketola further discloses a method as described in claim 22, where the hard copy is the original version of the editable object (col. 10, lines 63).

As to claim 24, the claim specifies the computer necessary to execute a method steps as specified in **claim 1** and is rejected for the same reasons.

As to claim 25, Ketola discloses a mobile terminal, comprising a wireless transceiver (Fig. 2, items 268, 270), a data processor (Fig. 2, item 221), and a memory for use in storing an editable object (Fig. 3, item 390), editing the editable object and transmitting (Fig. 3, items 314, 320), via the wireless transceiver (Fig. 3,

items 236, 256), edit commands "**with editing commands being sent**" col. 2, lines

17-19" to other members of a set of mobile terminals that also store and edit the

same editable object (See col. 10 through col. 11, lines 57-37).

As to claim 26, Ketola discloses a wireless communication system "col. 5, lines 1-

5" comprising a plurality of mobile terminals at least one comprising means for

editing an editable object and for transmitting information that comprises edit

commands ("**with editing commands being sent**" col. 2, lines 17-19", and col. 10

through col. 11, lines 57-37), via the wireless communications system (col. 5, lines

1-40, **wireless communication systems**), to others of the plurality of mobile

terminals for implementing collaborative editing of said editable object (See col.

10 through col. 11, lines 57-37).

As to claim 27, Ketola further discloses a wireless communication system as

described in claim 26, where the mobile terminal further comprises a memory area

divided into a working memory area and a permanent storage memory area (col. 9,

lines 19-34), further logically divided into a personal area and a shared area (col. 9,

lines 25-28 "**for storing documents that are not shared**"), where information in

the personal area includes at least one edited instance of the editable object (col. 9,

lines 19-34).

As to claim 28, the claim is rejected for the same reason as set forth in claim 5.

As to claim 29, the claim is rejected for the same reason as set forth in claim 6.

As to claim 30, the claim is rejected for the same reason as set forth in claim 7.

As to claim 31, Ketola further discloses a wireless communication system as described in claim 26, where the information further comprises contextual information to convey coordination (col. 7, lines 52-67), control and status information regarding the collaborative editing of the editable object (col. 8, lines 5-8, and lines 30-34).

As to claim 32, Ketola further discloses a wireless communication system as described in claim 26, where the editable object comprises image data (col. 6, lines 66-67).

As to claim 33, Ketola further discloses a wireless communication system as described in claim 32, where the editable object further comprises audio data (col. 10, lines 57-63).

As to claim 34, the claim is rejected for the same reason as set forth in claim 11.

As to claim 35, Ketola further discloses a wireless communication system as described in claim 26, where the plurality of mobile terminals indicate via the wireless communication system when modifications have been made to the editable object (col. 11, lines 1-25).

As to claim 36, Ketola further discloses a wireless communication system as

described in claim 27, where at least one of the shared edited instances is downloaded from the user's shared area to the user's personal area (col. 10 through col. 11, lines 50-25).

As to claim 37, Ketola further discloses a wireless communication system as described in claim 26, where each editable object comprises at least a content part and at least one comment field (col. 11, lines 9-14).

As to claim 38, Ketola further discloses a wireless communication system as described in claim 37, where a first comment field is designated a hard copy ID field (col. 11, lines 10-16).

As to claim 39, Ketola further discloses a wireless communication system as described in claim 38, where another comment field is designated an edited instance ID field (col. 11, lines 15-25).

As to claim 40, the claim is rejected for the same reason as set forth in claim 39 in view of 112-2nd.

As to claim 41, the claim is rejected for the same reason as set forth in claim 19.

As to claim 42, Ketola further discloses a wireless communication system as described in claim 26, where each edited instance is a separate file (col. 10, lines 46-48).

As to claim 43, Ketola further discloses a wireless communication system as

described in claim 26, where each edited instance is appended to a hard copy of the editable object (col. 7, lines 2).

As to claim 44, Ketola further discloses a wireless communication system as described in claim 43, where there is only one hard copy of the editable object (col. 7, lines 1-3).

As to claim 45, the claim is rejected for the same reason as set forth in claim 23.

As to claim 46, Ketola further discloses where the information comprises a user's Own Edited Instance and at least one other user's Shared Edit Instances (col. 11, lines 10-25).

As to claim 47, Ketola further disclose where the hard copy **includes a watermark** ("scrolls in the original document" col. 10, lines 57-67).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC H. DOAN whose telephone number is 571-272-7920. The examiner can normally be reached on 9:30 AM - 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, LESTER G. KINCAID can be reached on 571-272-7922.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Phuoc Doan
11/05/05

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PATENT EXAMINER